



LEGEND

- 32.445 WETLAND IDENTIFICATION NO.
- (0.28) ACREAGE - DELINEATION CORRIDOR
- 1730 STATIONING
- CULVERTS
- 33 MILEPOST MARK (LOCATIONS FROM NORTH DAKOTA GIS BASE MAP DATA)

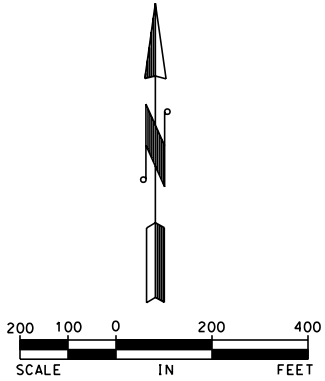


FIGURE B-6
NORTH ALIGNMENT ALTERNATIVE
ALIGNMENT THROUGH ROSS, NORTH DAKOTA
(SHEET 1 OF 2)

MILE POST 82 - 83		
U.S. HIGHWAY 2 DRAFT ENVIRONMENTAL IMPACT STATEMENT FROM U.S. HWY. 85 TO U.S. HWY. 52		
	Date	Sheet 51 of 99



LEGEND

- 32.445 WETLAND IDENTIFICATION NO.
- (0.28) ACREAGE - DELINEATION CORRIDOR
- 1730 STATIONING
- CULVERTS
- 33 MILEPOST MARK (LOCATIONS FROM NORTH DAKOTA GIS BASE MAP DATA)

D = 1°00"
Δ = 14°04'15"
L = 1,407.08'
R = 5,729.65'
T = 707.11'
E = 43.47'

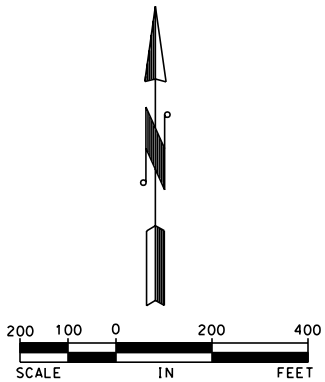


FIGURE B-6
NORTH ALIGNMENT ALTERNATIVE
ALIGNMENT THROUGH ROSS, NORTH DAKOTA
(SHEET 2 OF 2)

MILE POST 83 - 84		
U.S. HIGHWAY 2 DRAFT ENVIRONMENTAL IMPACT STATEMENT FROM U.S. HWY. 85 TO U.S. HWY. 52		
	Date	Sheet 52 of 99



LEGEND

- 32.445 WETLAND IDENTIFICATION NO.
- (0.28) ACREAGE - DELINEATION CORRIDOR
- 1730 STATIONING
- CULVERTS
- 33 MILEPOST MARK (LOCATIONS FROM NORTH DAKOTA GIS BASE MAP DATA)

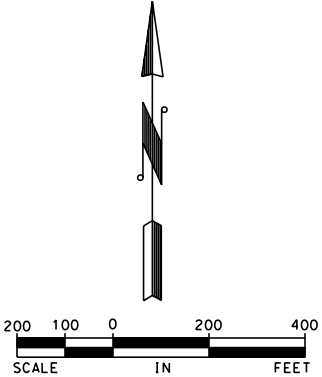


FIGURE B-7
NORTH ALIGNMENT ALTERNATIVE
BERTHOLD OPTION
(SHEET 1 OF 2)

MILE POST 123.5 - 124		
U.S. HIGHWAY 2 DRAFT ENVIRONMENTAL IMPACT STATEMENT FROM U.S. HWY. 85 TO U.S. HWY. 52		
Date	Sheet 91 of 99	



LEGEND

- 32.445 WETLAND IDENTIFICATION NO.
- (0.28) ACREAGE - DELINEATION CORRIDOR
- 1730 STATIONING
- CULVERTS
- 33 MILEPOST MARK (LOCATIONS FROM NORTH DAKOTA GIS BASE MAP DATA)

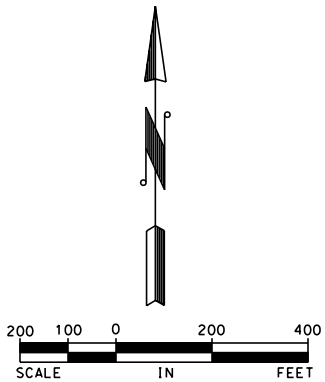
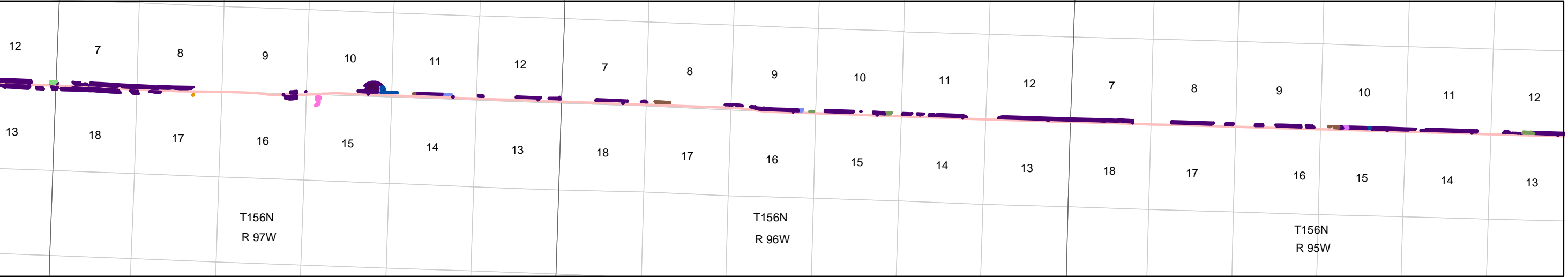
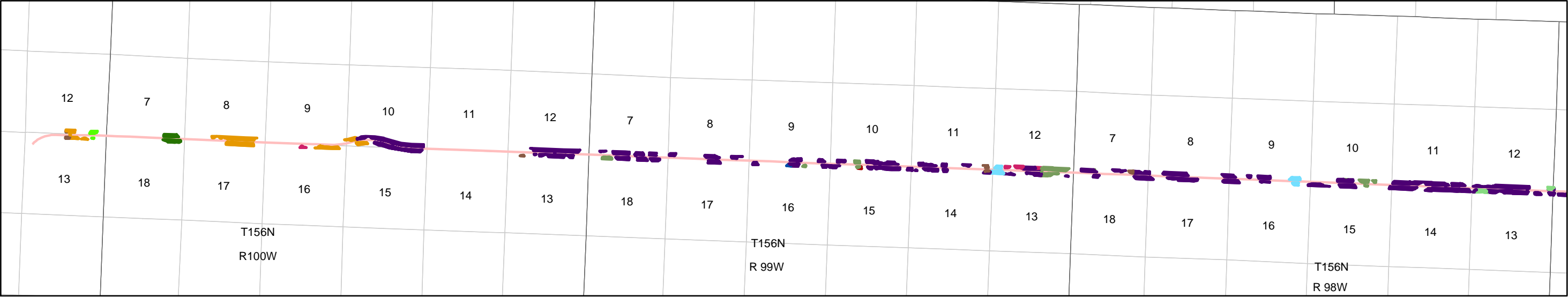


FIGURE B-7
NORTH ALIGNMENT ALTERNATIVE
BERTHOLD OPTION
(SHEET 2 OF 2)

MILE POST 124 - 125		
U.S. HIGHWAY 2 DRAFT ENVIRONMENTAL IMPACT STATEMENT FROM U.S. HWY. 85 TO U.S. HWY. 52		
	Date	Sheet 92 of 99



Legend

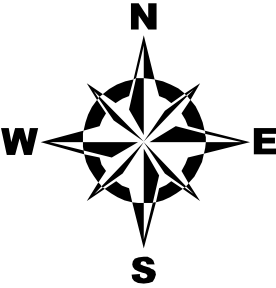
Williams County Prime and Statewide Important Soils

Soil Type

- 53
- 281
- 669
- 882
- 1021
- 1664

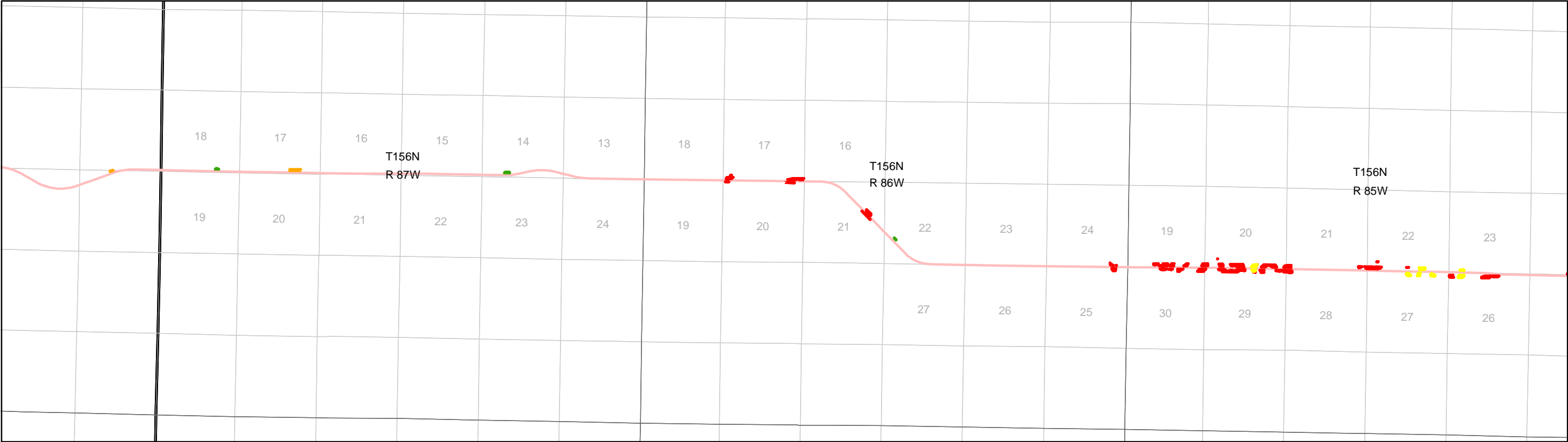
- 1798
- 1835
- 2015
- 2031
- 2170
- 2340
- 2347
- 2353
- 2358

- Townships
- County
- Sections



0 0.5 1 2 3 4 Miles

Figure B-8-A
Prime Farmland
Williams County, North Dakota



Legend

Ward_County_Prime_Soils

Layer

BR

BoB

Hf

To

Study Route

Townships

Sections

County

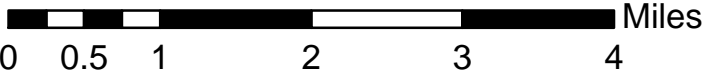
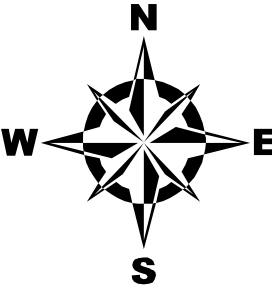
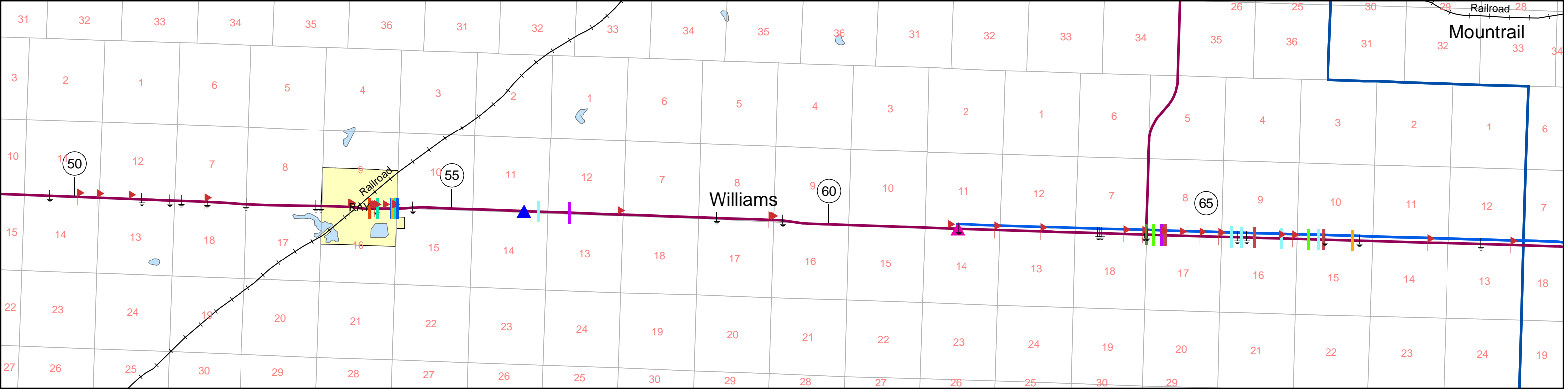
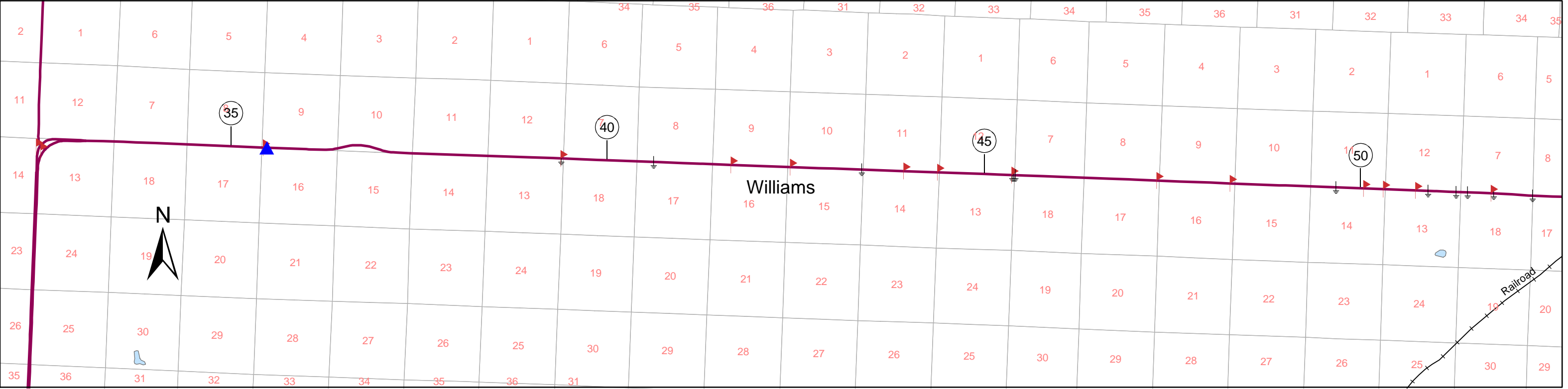




Figure B-8-C
Prime Farmland
Ward County, North Dakota






Mile Point

Potential Linear Conflicts




Water Line


Potential Crossing Conflicts




Buried Electric




Buried Telephone




City Sewer




Crude Oil Products




Electric for Flashing Signals




Gas Products Line




Missle Cable




Natural Gas Distributor




Natural Gas Transmission Line




Observation Well




Overhead Electric




Private Water Irrigation Pipe



Salt Water



Water Cooperative Reservoir Overflow

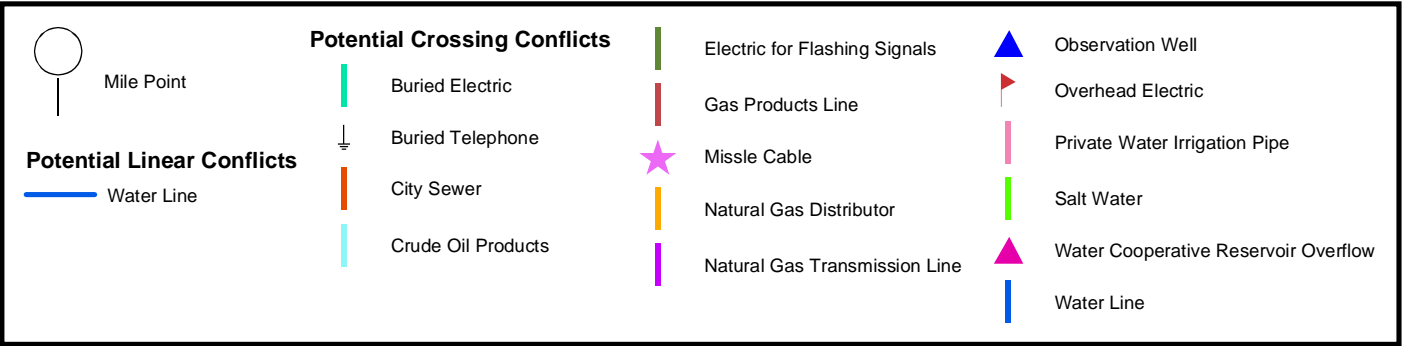
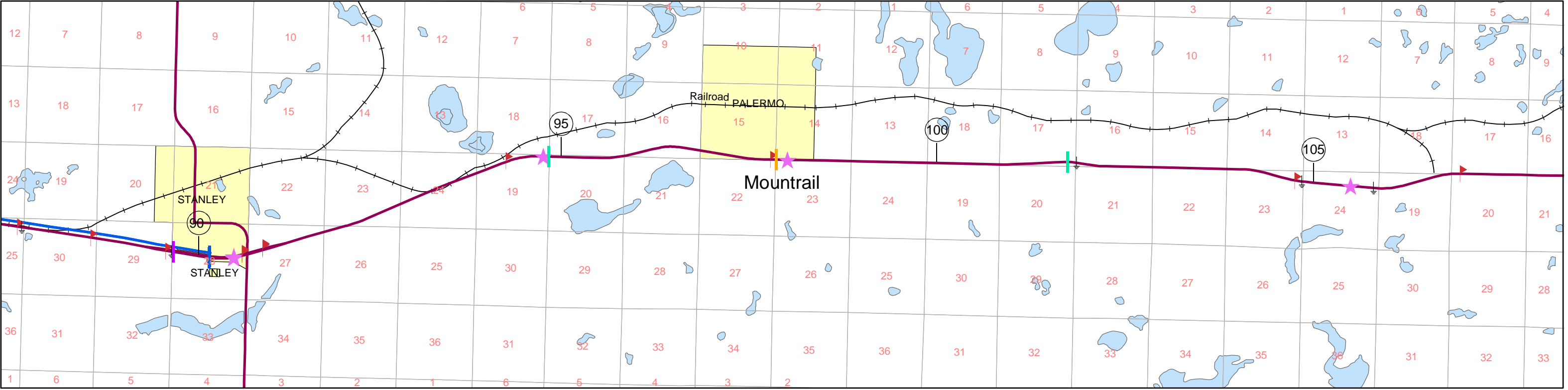
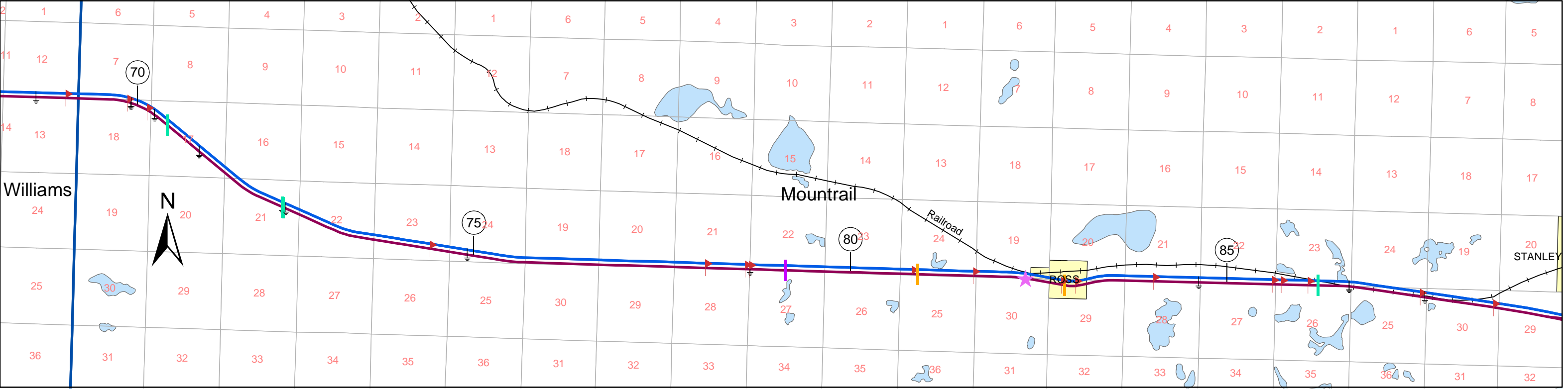


Water Line

The symbols marking Potential Crossings Conflicts only indicate the location of the crossing. They do not indicate the extent of departure from the highway.

The symbols marking potential linear waterline conflicts only indicate the location of the utilities within the proposed right of way. It does not indicate the offset distance. Note, the only potential linear utility conflicts shown on this map are potential waterline conflicts. Other potential linear utility conflicts are listed in Table D-8.

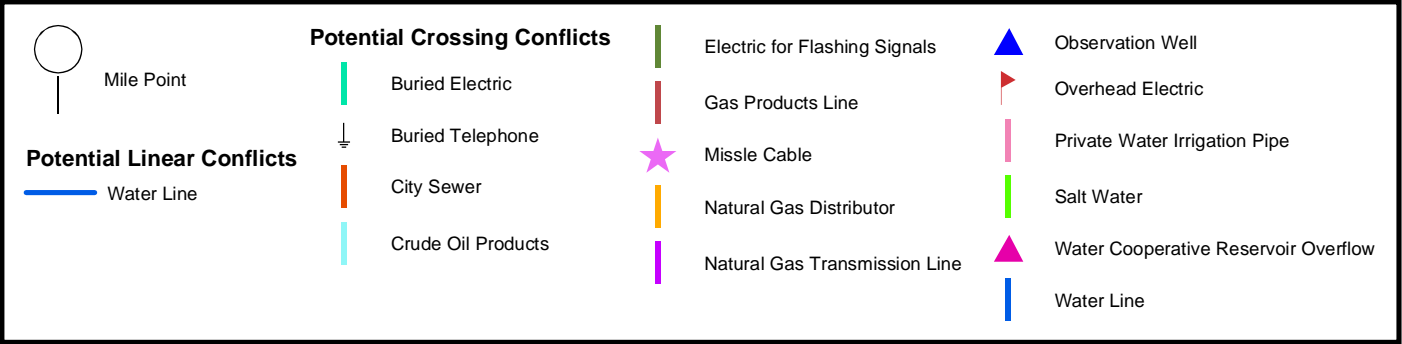
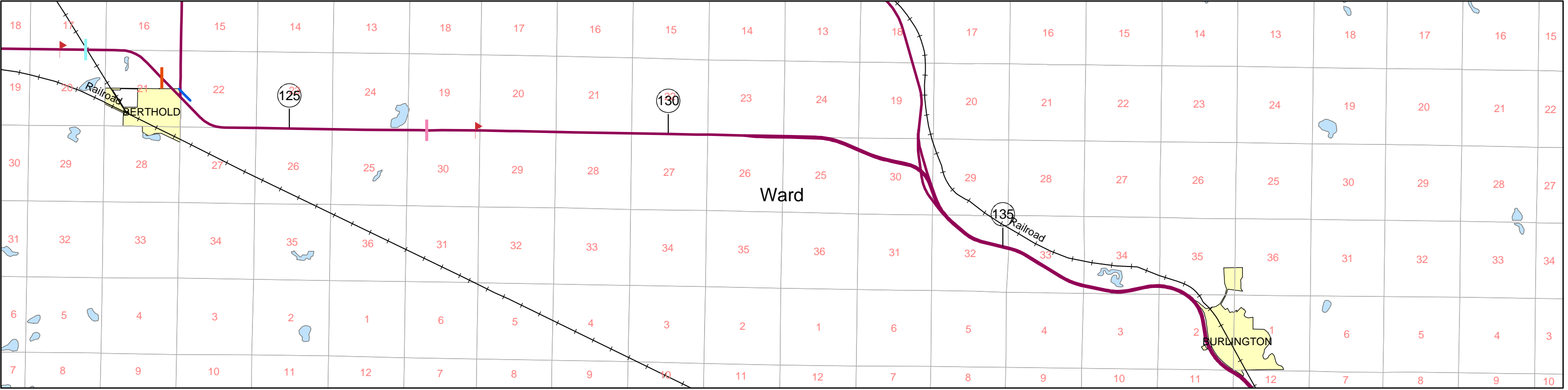
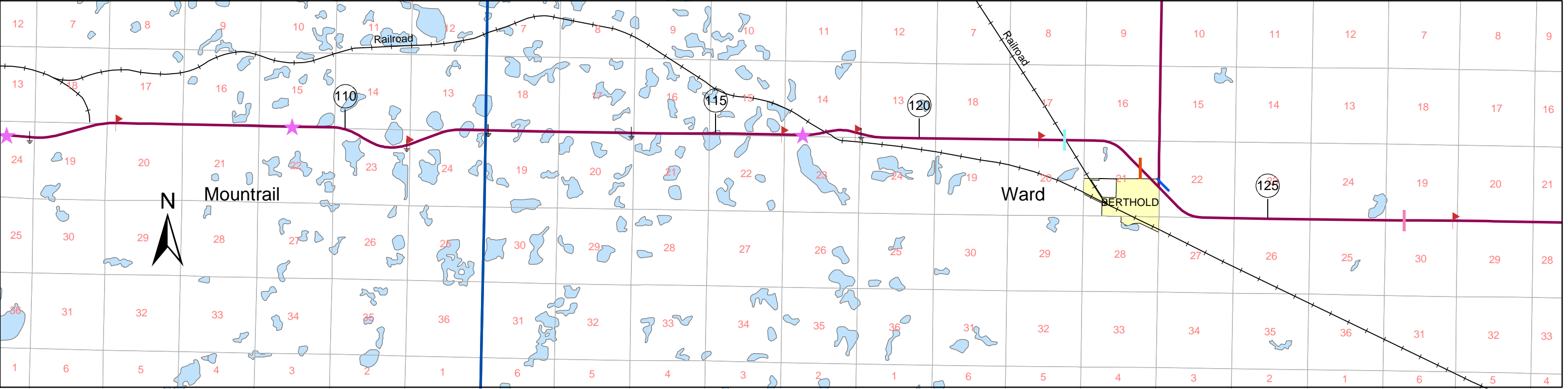
FIGURE B-9
SHEET 1 OF 3
LOCATION OF POTENTIALLY IMPACTED UTILITIES
WILLIAMS COUNTY



The symbols marking Potential Crossings Conflicts only indicate the location of the crossing. They do not indicate the extent of departure from the highway.

The symbols marking potential linear waterline conflicts only indicate the location of the utilities within the proposed right of way. It does not indicate the offset distance. Note, the only potential linear utility conflicts shown on this map are potential waterline conflicts. Other potential linear utility conflicts are listed in Table D-8.

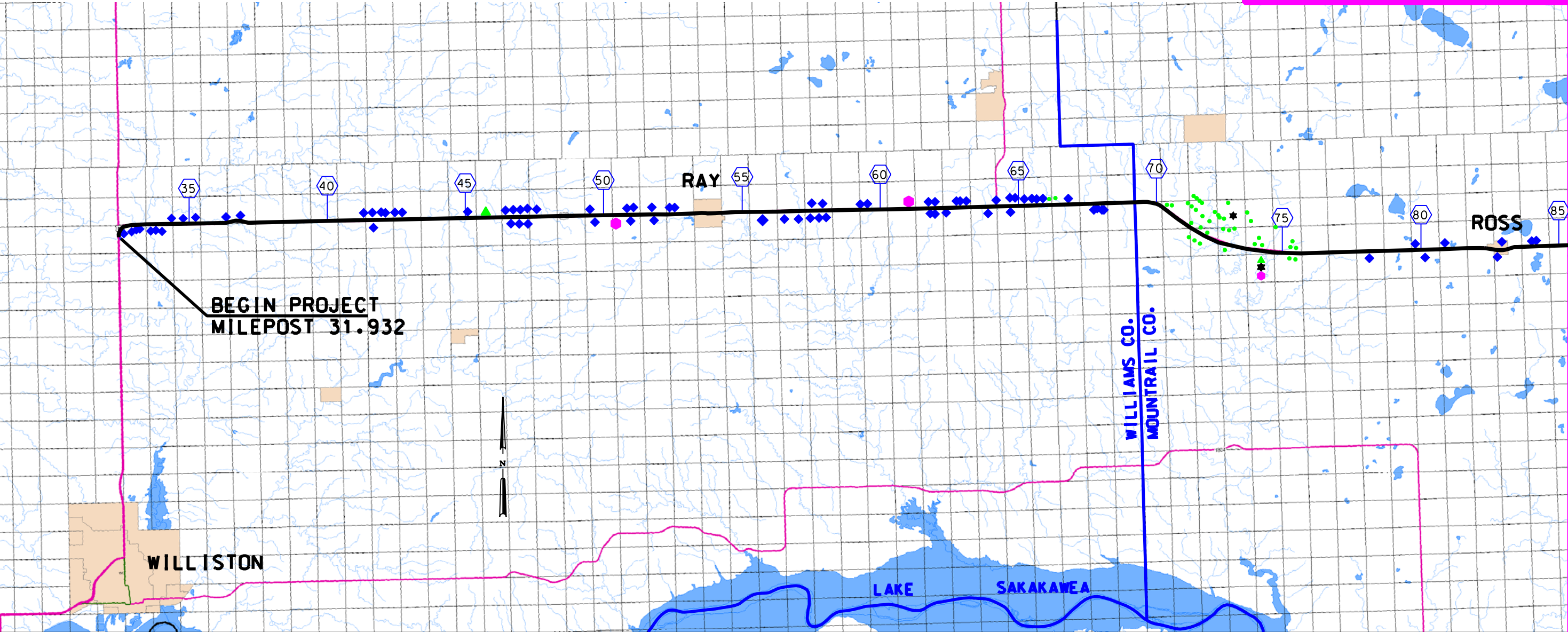
FIGURE B-9
SHEET 2 OF 3
LOCATION OF POTENTIALLY IMPACTED UTILITIES
MOUNTRAIL COUNTY



The symbols marking Potential Crossings Conflicts only indicate the location of the crossing. They do not indicate the extent of departure from the highway.

The symbols marking potential linear waterline conflicts only indicate the location of the utilities within the proposed right of way. It does not indicate the offset distance. Note, the only potential linear utility conflicts shown on this map are potential waterline conflicts. Other potential linear utility conflicts are listed in Table D-8.

FIGURE B-9
SHEET 3 OF 3
LOCATION OF POTENTIALLY IMPACTED UTILITIES
MOUNTRAIL AND WARD COUNTIES



- = MILEPOINT MARKER
- = ALKALI WETLAND
- = NATIVE UPLAND PRAIRIE
- = UPLAND FOREST
- = SHELTERBELT
- = STATE RARE SPECIES

STATE RARE SPECIES

Milepoint	Species	Impacted By
50.3 South	Cinnamon Willow Herb (Epilobium coloratum)	South Alignment Alternative
60.1 North	Cinnamon Willow Herb (Epilobium coloratum)	North Alignment Alternative
74.4 South	Alkalai Sacaton (Sporobolus airoides)	All Build Alternative
110.4 North	Cinnamon Willow Herb (Epilobium coloratum)	All Build Alternative

STACKED SYMBOLS ARE ADJACENT FEATURES

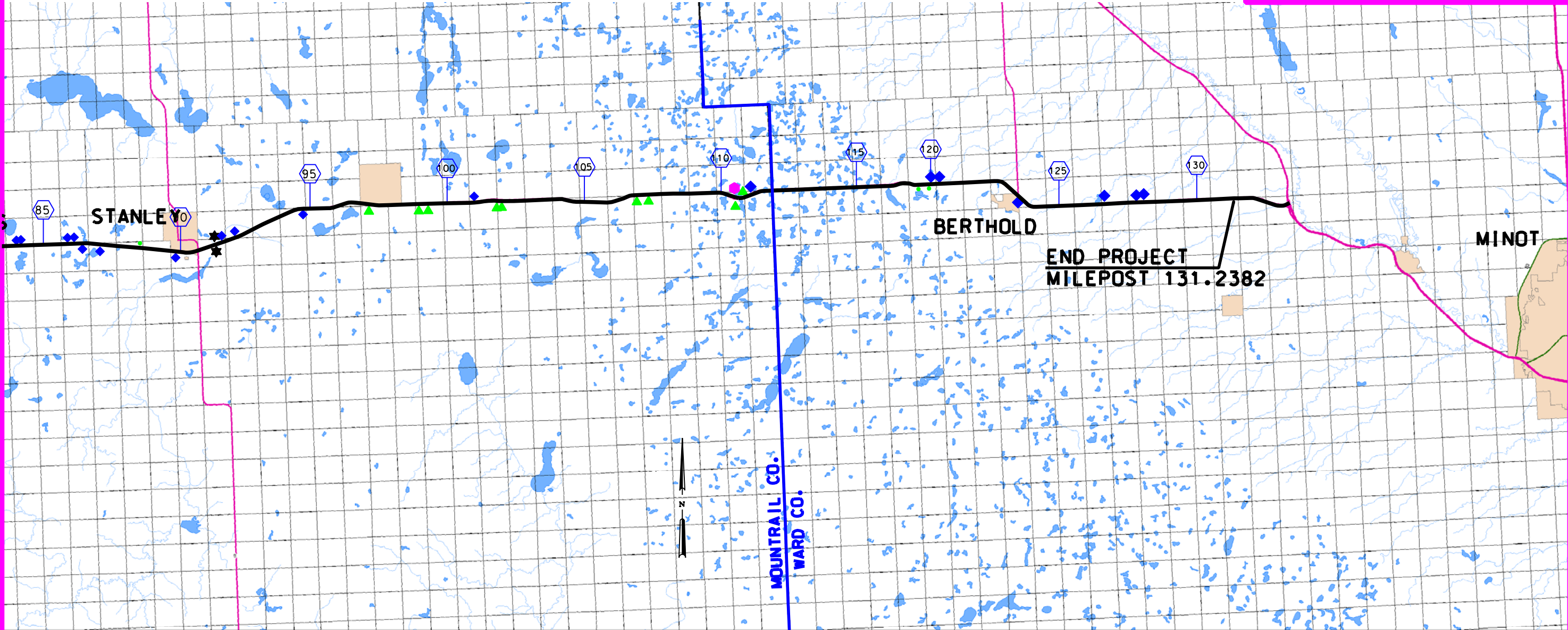
NOTES:

*THE SYMBOLS MAPPED REPRESENT THE APPROXIMATE LOCATION OF FEATURES
300 FEET NORTH AND SOUTH OF THE EXISTING ROADWAY CENTERLINE
*NO FEDERALLY THREATENED OR ENDANGERED SPECIES WERE OBSERVED



FIGURE B-10-1
U.S. HIGHWAY 2

LOCATION OF
ENVIRONMENTAL FEATURES



STATE RARE SPECIES

- = MILEPOINT MARKER
- = ALKALI WETLAND
- = NATIVE UPLAND PRAIRIE
- = UPLAND FOREST
- = SHELTERBELT
- = STATE RARE SPECIES

Milepoint	Species	Impacted By
50.3 South	Cinnamon Willow Herb (Epilobium coloratum)	South Alignment Alternative
60.1 North	Cinnamon Willow Herb (Epilobium coloratum)	North Alignment Alternative
74.4 South	Alkalai Sacaton (Sporobolus airoides)	All Build Alternative
110.4 North	Cinnamon Willow Herb (Epilobium coloratum)	All Build Alternative

— STACKED SYMBOLS ARE ADJACENT FEATURES

NOTES:

- *THE SYMBOLS MAPPED REPRESENT THE APPROXIMATE LOCATION OF FEATURES 300 FEET NORTH AND SOUTH OF THE EXISTING ROADWAY CENTERLINE
- *NO FEDERALLY THREATENED OR ENDANGERED SPECIES WERE OBSERVED



FIGURE B-10-2
U.S. HIGHWAY 2

LOCATION OF
ENVIRONMENTAL FEATURES